

X(4350) $I^G(J^{PC}) = 0^+(?^+)$

OMITTED FROM SUMMARY TABLE

Seen by SHEN 10 in the $\gamma\gamma \rightarrow J/\psi\phi$. Needs confirmation.**X(4350) MASS**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
4350.6$^{+4.6}_{-5.1}$$\pm 0.7$	8.8 $^{+4.2}_{-3.2}$	¹ SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$

¹ Statistical significance of 3.2 σ .**X(4350) WIDTH**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
13$^{+18}_{-9}$$\pm 4$	8.8 $^{+4.2}_{-3.2}$	² SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$

² Statistical significance of 3.2 σ .**X(4350) DECAY MODES**

Mode	Fraction (Γ_i/Γ)
Γ_1 $J/\psi\phi$	seen
Γ_2 $\gamma\gamma$	seen

X(4350) $\Gamma(i)\Gamma(\gamma\gamma)/\Gamma(\text{total})$

$\Gamma(\gamma\gamma) \times \Gamma(J/\psi\phi)/\Gamma_{\text{total}}$				$\Gamma_2\Gamma_1/\Gamma$
VALUE (eV)	EVTS	DOCUMENT ID	TECN	COMMENT
6.7$^{+3.2}_{-2.4}$$\pm 1.1$	8.8 $^{+4.2}_{-3.2}$	³ SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$

• • • We do not use the following data for averages, fits, limits, etc. • • •

1.5 $^{+0.7}_{-0.6}\pm 0.3$	8.8 $^{+4.2}_{-3.2}$	⁴ SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$
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³ For $J^P = 0^+$. Statistical significance of 3.2 σ .⁴ For $J^P = 2^+$. Statistical significance of 3.2 σ .**X(4350) BRANCHING RATIOS**

$\Gamma(J/\psi\phi)/\Gamma_{\text{total}}$				Γ_1/Γ
VALUE	DOCUMENT ID	TECN	COMMENT	
seen	⁵ SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$	

5 Statistical significance of 3.2 σ .

$\Gamma(\gamma\gamma)/\Gamma_{\text{total}}$				Γ_2/Γ
VALUE	DOCUMENT ID	TECN	COMMENT	
seen	⁶ SHEN	10 BELL	10.6 $e^+e^- \rightarrow e^+e^- J/\psi\phi$	

6 Statistical significance of 3.2 σ .**X(4350) REFERENCES**SHEN 10 PRL 104 112004 C.P. Shen *et al.* (BELLE Collab.)

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